

FORM PTO-1449 (Modified)		Attorney Docket No.: 19957-012910US		Application No.: 09/211,691		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Wakarchuk et al.				
		Filing Date: December 14, 1998		Group: 1652		
Reference Designation		U.S. PATENT DOCUMENTS			Page 1	
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
<u>B</u> AA	5,352,670	Oct. 4, 1994	Vento et al.	514	54	Oct. 2, 1991
<u>B</u> AB	5,374,541	Dec. 20, 1994	Wong et al.	435	74	May 4, 1993
<u>B</u> AC	5,032,519	July 16, 1991	Paulson et al.	435	193	Oct. 24, 1989
<u>B</u> AD	5,516,665	May 14, 1996	Wong, C-H.	435	97	Sept. 13, 1993
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

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FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
<u>B</u> AM	WO 96 21038	11 July 1996	PCT WO	C12P	19/28	NO
<u>B</u> AN	WO 96 32491	17 Oct. 1996	PCT WO	C12P	19/18	NO
<u>B</u> AO Abstract Only	WO 96 35801 A	14 Nov. 1996	PCT WO	C12P	19/18	NO
<u>B</u> AP	WO 96 40971 A	19 Dec. 1996	PCT WO	C12P	19/18	NO
<u>B</u> AQ	WO 98 07837 A	26 Feb. 1998	PCT WO	C12P	9/10	NO
AR						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
<u>B</u> AS	Ito et al., "Synthesis of bioactive sialosides," <i>Pure & Appl. Chem.</i> 65(4):753-762 (1993)..
<u>B</u> AT	Aoki et al., "Analysis of the substrate binding sites of human galactosyltransferase by protein engineering," <i>EMBO. J.</i> 9: 3171-3178 (1990).
<u>B</u> AU	Harduin-Lepers et al., "Mini Review 1994, the year of the sialyltransferases," <i>Glycobiology</i> 5(8): 741-758. (1995)
<u>B</u> AV	Natsuka and Lowe, "Enzymes involved in mammalian oligosaccharide biosynthesis," <i>Curr. Opin. Struct. Biol.</i> 4: 683-691. (1994)
<u>B</u> AW	Zu et al., "Use of Site-Directed Mutagenesis to Identify the Galactosyltransferase Binding Sites for UDP-Galactose," <i>Biochem. Biophys. Res. Comm.</i> 206(1): 362-369 (1995).
<u>B</u> AX	Seto et al., "Expression of a recombinant human glycosyltransferase from a synthetic gene and its utilization for synthesis of the human blood group B trisaccharide," <i>Eur. J. Biochem.</i> 234: 323-328 (1995).
<u>B</u> AY	Seto et al., "Sequential Interchange of Four Amino Acids from Blood Group B to Blood Group A Glycosyltransferase Boosts Catalytic Activity and Progressively Modifies Substrate Recognition in Human Recombinant Enzymes," <i>Eur. J. Biochem</i> 272: 14133-141388 (1997).

Peter Tung

2/23/01

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		Filing Date: December 14, 1998	Group: 1652
<u>12</u> AZ	Gilbert et al., "Purification and characterization of the recombinant CMP-sialic acid synthetase from <i>Neisseria meningitidis</i> ," <i>Biotechnol. Lett.</i> 19: 417-420 (1997).		
BA	Gilbert et al., "Cloning of the Lipooligosaccharide a-2-3-Sialyltransferase from the Bacterial Pathogens <i>Neisseria meningitidis</i> and <i>Neisseria Gonorrhoeae</i> ," <i>J. Biol. Chem.</i> 271: 28271-28276 (1996).		
BB	Gilbert et al., "Characterization of a recombinant <i>Neisseria meningitidis</i> a-2,3-sialyltransferase and its acceptor specificity," <i>Eur. J. Biochem.</i> 249: 187-194 (1997).		
BC	Gilbert et al., "The synthesis of sialylated oligosaccharides using a CMP-Neu5Ac synthetase/sialyltransferase fusion," <i>Nature Biotechnol.</i> 16: 769-772 (1998).		
BD	Wakarchuk et al., "Functional Relationships of the Genetic Locus Encoding the Glycosyltransferase Enzymes Involved in Expression of the Lacto-N-neotetraose Terminal Lipopolysaccharide Structure in <i>Neisseria meningitidis</i> ," <i>J. of Biol. Chem.</i> Vol 271, No. 32: 19166-19173 (1996).		
BE	Stevenson et al., "Organization of the <i>Escherichia coli</i> K-12 Gene Cluster Responsible for Production of the Extracellular Polysaccharide Colanic Acid," <i>J. Bacteriol.</i> 178: 4885-4893 (1996)		
BF			
BG			
BH			

considered. Include copy of this form with next communication to applicant.



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